Name: _____

Daily Math Practice

F

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Math Buzz

After looking at the equation, $\frac{7}{10} \div \frac{3}{10} =$

Jaquavis says, "I think that if we are dividing a fraction by a fraction with the same denominator, then we can simply divide the numerators."

Can Jaquavis's theory be applied to all fractions? Explain.

_____

_____

_____

Add.

$$\begin{array}{r} 7.38 \\ +\ 4 \\ \hline \end{array}$$

A teacher on summer break charges $35.00 per hour to tutor students. How many hours of tutoring would cost $122.50?

Super Teacher Worksheets

Preview

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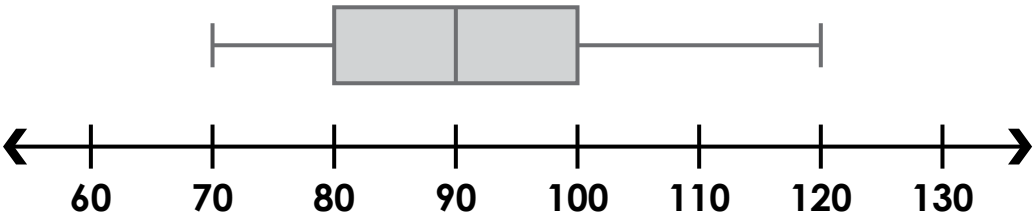
Name: _____

Math Buzz

Daily Math Practice
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Dr. Martinez is a veterinarian. She helped a cat deliver her kittens, weighed each one, in grams, and displayed the data in the box plot.

Kittens' Weights (g)





What is the range of the kittens' birth weights? _____

Los Angeles, California has an elevation of 5,074 feet above sea level. New Orleans, Louisiana is 8 feet below sea level.

_____

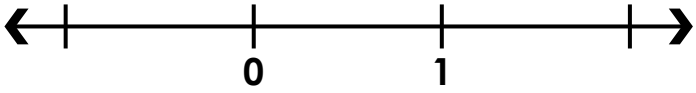
If you were standing near the ocean, what would your elevation be?

_____



Convert.

Use the number line to find and label $\frac{4}{3}$, $\frac{6}{4}$, $-\frac{2}{3}$, $-\frac{2}{4}$. Then write two inequality statements comparing the numbers you labeled.



_____

_____

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Math Buzz

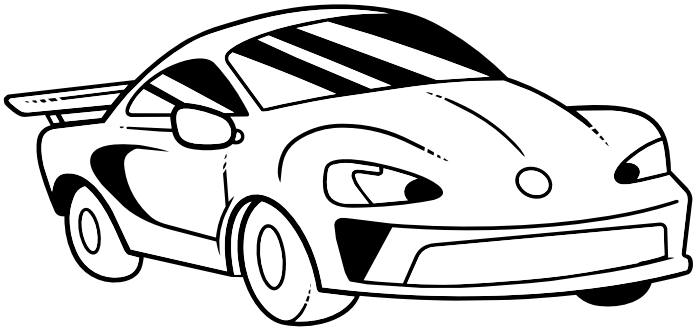
The tables below show the ratios of distance to time traveled by Car E and Car F.

Car E	
Time (hours)	**Distance (miles)**
3	216
5	360
7	504

Car F	
Time	**Distance**

in miles, trav[illegible] by **Car E** and by **Car F** after 9 hours?

answer: _____



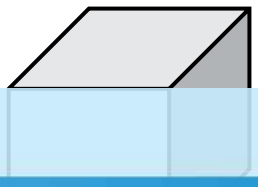
Write an expression equivalent to $3(5k + 1)$.

_____

Write an expression equivalent to $5(h + 4)$.

_____

This cube is one cubic centimeter because each of its sides is 1 centimeter long.



answer: _____

The lowest temperature recorded on Earth was -89.2°C. The average temperature on Mars is -65°C. Which is warmer, the lowest temperature recorded on Earth or the average temperature of Mars? Write an inequality to support your answer.

_____

_____

_____

Super Teacher Worksheets

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Daily Math Practice

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Math Buzz

It requires $\frac{1}{3}$ of a credit to play a video game at an arcade for one minute. Elric has $\frac{5}{6}$ credits. How long can Elric play?

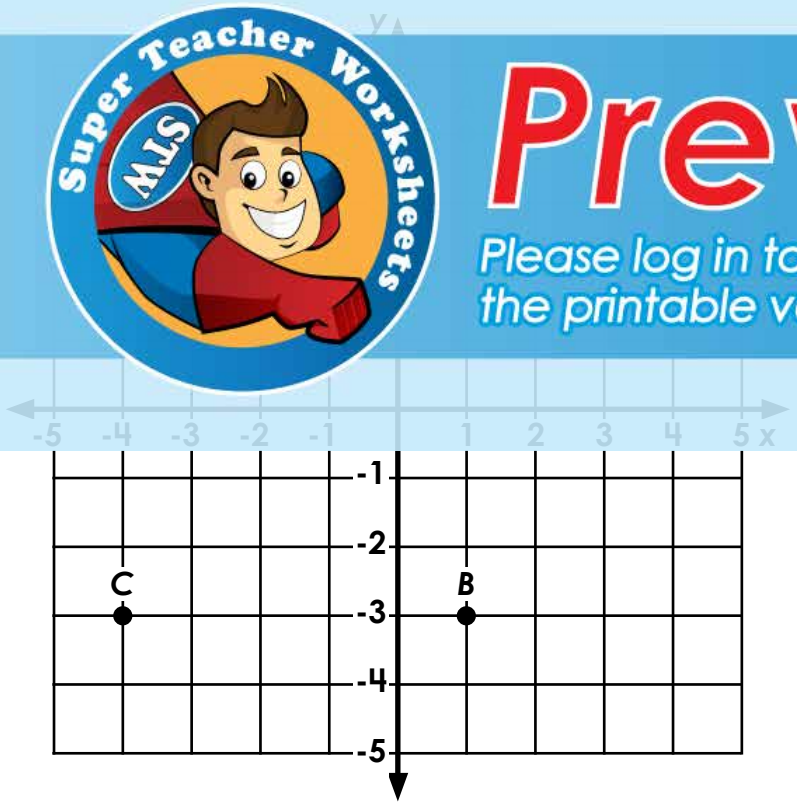
answer: _____

A farmer places beehives containing bee colonies on her farm to pollinate the plants she grows. The table shows the ratio of the number of beehives to the number of acres of land.

Beehives	2	6	12	14
Acres	9	27	54	

If the bees pollinate the plants at a constant rate, how many acres of land will be pollinated by the bees in 14 beehives?

Write absolute value equations to find the distance, in units, between the points on the coordinate plane.



point *A* and point *B* _____

point *C* and point *B* _____

point *D* and point *A* _____



Divide.

$$17\overline{)9{,}248}$$

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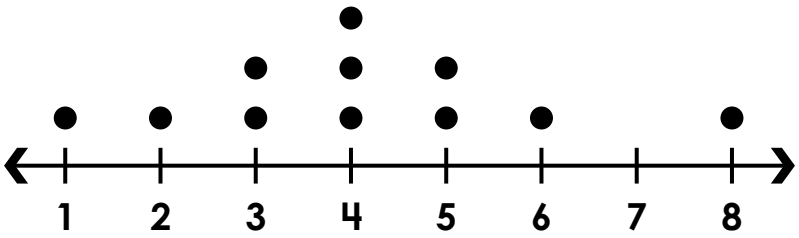
Daily Math Practice

F

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Math Buzz

Jabari counted the number of red candies in some fun-sized packs. He created both a dot plot and a box plot to show the same data.



Number of Red Candies

The distance between two businesses on a street is 350 meters. What is the distance measured in kilometers?

answer: _____

Select all the equivalent expressions.

ⓐ **3(x + 2)**

ⓑ 6 + 3x

Super Teacher Worksheets

Preview

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Which graph would make it easier to find the interquartile range?

_____



14 + 49 = 63

Explain to Eloise why adding two multiples of 7 will always equal another multiple of 7.

_____

_____

_____

_____

_____

Math Buzz ANSWERS

Daily Math Practice
F
106-110

Can Jaquavis's theory be applied to all fractions? Explain.

Answers may vary but should indicate that his theory can be applied to all fractions.

Add.

$$\begin{array}{r} 7.38 \\ +\ 4.00 \\ \hline 11.38 \end{array}$$

A teacher on summer break charges $35.00 per hour to tutor students. How many hours of tutoring would cost $122.50?

$122.50 \div 35 = 3.5$

answer: 3.5 or $3\frac{1}{2}$ hours

Use the grid paper to draw 8 different figures with areas of 12 square units each.

Answers will vary.

120 − 70 = 50

What is the range of the kittens' birth weights?

50 grams

Answers will vary.

Answers will vary.

Super Teacher Worksheets
Preview
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Which graph makes it clear there were no packs that had 7 red candies in it?

dot plot

Which graph would make it easier to find the interquartile range?

box plot

The distance between two businesses on a street is 350 meters. What is the distance measured in kilometers?

answer: 0.35 kilometers

Select all the equivalent expressions.

- (a) 3(x + 2)
- (b) 6 + 3x
- (c) 3x + 2
- (d) 4(x + 2) − (x + 2)
- (e) x + 2

14 + 49 = 63

Explain to Eloise why adding two multiples of 7 will always equal another multiple of 7.

Answers may vary.

RB